

What is claimed is:

1. A positive type red-colored photosensitive composition comprising a colorant, a photo active compound, a curing agent, a solvent and optionally an alkali-soluble resin, wherein the contents of the dye, photo active compound, curing agent and optional alkali-soluble resin are from 55 to 63 parts by weight, from 10 to 30 parts by weight, 10 to 25 parts by weight and 1 parts by weight or less, respectively, per 100 parts by weight of solid components of the photosensitive composition.

2. The positive type red-colored photosensitive composition according to claim 1, which contains no alkali-soluble resin.

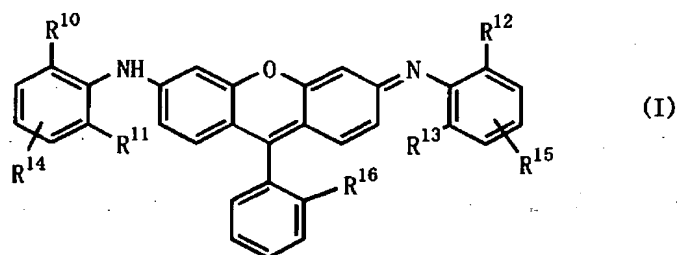
3. The positive type red-colored photosensitive composition according to claim 1 or 2, wherein said dye is a dye of the formula (IV) or its salt:



wherein D is a basic residue of a dye selected from the group consisting of xanthene compound, azo compound and anthraquinone compound; n is an integer of 1 to 4; R¹ represents an aliphatic hydrocarbon group having 3 to 20 carbon atoms, a cyclohexyl group, an alkylcyclohexyl group having 1 to 4 carbon atoms in the alkyl group, an aliphatic alkoxyalkyl group having 3 to 24 carbon atoms which is substituted with an alkoxyl group having 1 to 12 carbon atoms, an aliphatic ester group having 3 to 24 carbon atoms or an aryalkyl group having 7 to 20 carbon atoms, preferably an arylalkyl group having 7 to 20 carbon atoms having an aryl group selected from a phenyl group and a naphthyl group which may have a substituent, provided that when n is an integer of 2 to 4,

substituents R^1 may be the same or different.

4. The positive type red-colored photosensitive composition according to claim 1 or 2, wherein said dye is a dye of the formula (I) or its salt:



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wherein

R^{10} to R^{13} represent independently each other a hydrogen atom or an alkyl group having 1 to 3 carbon atoms; and R^{14} to R^{16} represent independently each other a sulfonic acid group or a substituent of the formula (I-1), provided that at least one of R^{14} to R^{16} is a substituent of the formula (I-1):



where R^{17} is an alkyl group having 2 to 20 carbon atoms, a cyclohexylalkyl group having 2 to 12 carbon atoms in the alkyl group, an alkylcyclohexyl group having 1 to 4 carbon atoms in the alkyl group, an alkyl group having 2 to 12 carbon atoms which is substituted with at least one alkoxy group having 2 to 12 carbon atoms, an alkylcarboxyalkyl group of the formula (I-1-1):



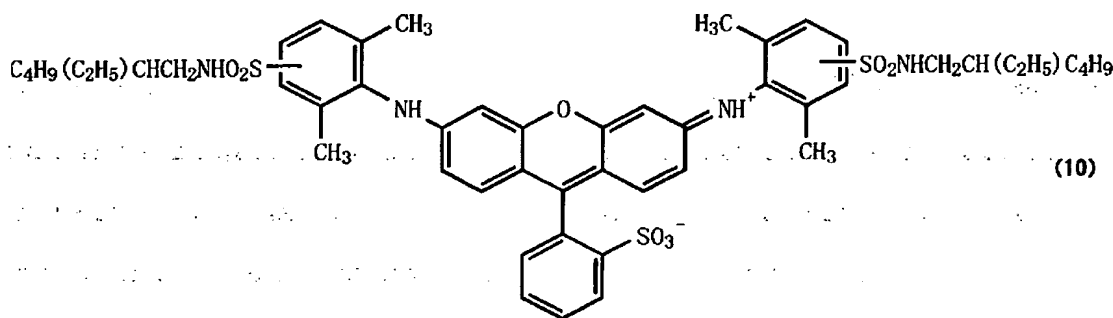
in which L^1 is an alkyl group having 2 to 12 carbon atoms, and L^2 is an alkylene group having 2 to 12 carbon atoms, an alkyloxycarbonylalkyl group of the formula (I-1-2):



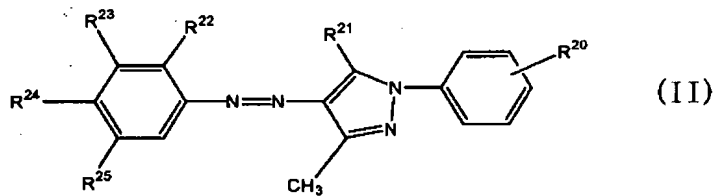
in which L^3 is an alkyl group having 2 to 12 carbon atoms, and

L^4 is an alkylene group having 2 to 12 carbon atoms, a phenyl group substituted with at least one alkyl group having 1 to 20 carbon atoms, or an alkyl group having 1 to 20 carbon atoms substituted with at least one phenyl group.

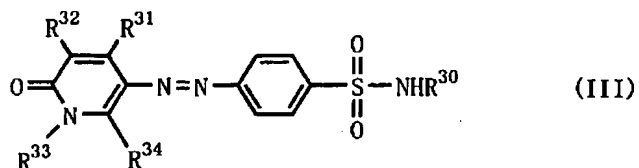
- 5 5. The positive type red-colored photosensitive composition according to claim 1 or 2, wherein said dye is a compound of the formula (10):



6. The positive type red-colored photosensitive composition according to claim 1 or 2, wherein said dye is at least one compound selected from the group consisting of a compound of the formula (II) or its salt, and a compound of the formula (III) or its salt:



- 15 wherein R^{21} and R^{22} represent independently each other a hydroxyl group or a carboxyl group, and R^{20} , R^{23} , R^{24} and R^{25} represent independently each other a hydrogen atom, a halogen atom, an alkyl group having 1 to 4 carbon atoms, a sulfonic acid group or a nitro group.



wherein R^{30} represents an alkyl group having 2 to 10 carbon atoms,
 R^{31} , R^{32} and R^{34} represent independently each other a hydrogen atom,
 a methyl atom, a hydroxyl group or a cyano group, and R^{33} represents
 5 an alkyl group having 1 to 4 carbon atoms.

7. A color filter comprising pixels formed of a positive
 type red-colored photosensitive composition according to claim
 1.

8. A solid state image pickup device comprising a color
 10 filter according to claim 7.